

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in the captioned patent application:

Listing of Claims:

1-20. (Canceled)

21. (New) An implant for fitting into a jaw bone hole having adjacent soft tissue and inner and outer hole parts with respective inner and outer hole diameters, comprising:

an inner implant part having an inner implant diameter;

an outer implant part having an outer implant diameter; and

at least one growth stimulating substance (GSS) disposed on a surface of said implant configured to interact with at least bodily fluid to form new bone,

wherein said inner implant diameter is configured to be greater than the inner hole diameter, whereby said implant is configured to be anchored to the jaw bone upon fitting said inner implant part into the inner hole part,

wherein said outer implant diameter is configured to be lesser than the outer hole diameter, whereby a space is defined by at least the jaw bone surface of the outer hole part, said outer implant part and the soft tissue configured to cover said outer implant part,

and further wherein said hole configured to receive bodily fluids via the jaw bone and GSS from said implant.

22. (New) The implant of claim 21, wherein said at least one GSS is disposed on surfaces of said implant other than an outer surface of said implant.

23. (New) The implant of claim 21, wherein said at least one GSS is disposed as two or more layers on an outer surface of said implant.

24. (New) The implant of claim 21, further comprising at least one bone substitute disposed adjacent to one of at least said outer implant part and inner implant part.

25. (New) The implant of claim 21, further comprising at least one bone volume increasing means disposed adjacent to one of at least said outer implant part and inner implant part.

26. (New) A method for using an implant in a jaw bone having adjacent soft tissue, the implant comprising inner and outer hole parts with respective inner and outer hole diameters, an inner implant part having an inner implant diameter that is greater than the inner hole diameter, an outer implant part having an outer implant diameter that is lesser than the outer hole diameter, and at least one growth stimulating substance (GSS) disposed on a surface of said implant configured to interact with at least bodily fluid to form new bone, comprising:

forming a hole in the jaw bone;

anchoring the implant into said formed hole by fitting the inner implant part into the inner bone hole;

forming a closed space by covering said formed hole with the soft tissue adjacent the jaw bone, wherein said formed closed space is defined by at least the soft tissue, an outer surface of the outer implant part, and the outer hole part; and

allowing the GSS disposed on the implant to be released into said formed closed space and interact with at least one bodily fluid disposed therein to form new bone growth.

27. (New) The method of claim 26, wherein said forming a hole comprises drilling the jaw bone.

28. (New) The method of claim 26, wherein said forming a hole comprises extracting a tooth from the jaw bone.

29. (New) The method of claim 26, wherein said allowing the GSS disposed on the implant to be released into said formed closed space further comprises allowing said GSS to interact with at least one bone substitute disposed in said formed closed space to form new bone growth.

30. (New) The method of claim 26, wherein said allowing the GSS disposed on the implant to be released into said formed closed space further comprises allowing said GSS to interact with at least one bone volume increasing means disposed in said formed closed space to form new bone growth.